

TOUR GIROFLÉES, MONACO

CASE STUDY

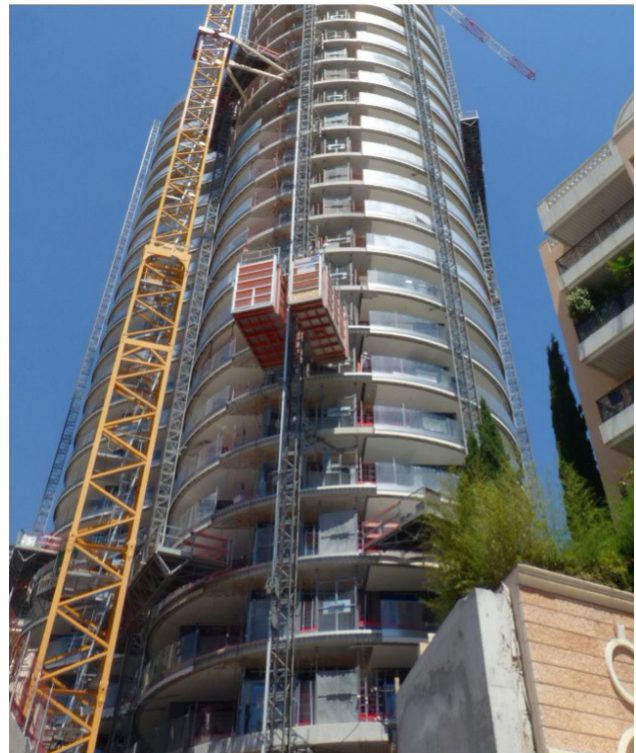
An efficient dual-hoist system for the Tour Giroflées, Monaco

Located in Monaco, in the Saint-Roman residential district, construction began on the Tour Giroflées in 2016 and is expected to continue into 2021. Due to stand at 24 storeys and house 73 apartments, the tower is also set to feature a commercial space, 200 car parking spaces and spa facilities.

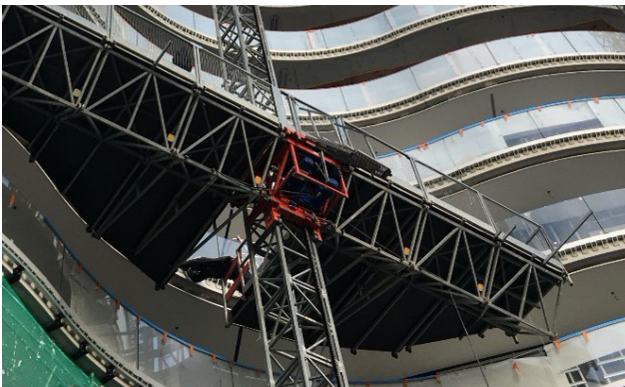
Renowned as a provider of industry-leading vertical access solutions, Alimak was selected to deliver an access system owing to the experience and expertise of the team. Alimak installed an Alimak Scando 650 construction hoist solution with dual car configuration featuring one XL car (2 x 4.6 metres) and a standard car (1.5 x 4.5 metres) for a truly versatile vertical access solution. Capable of transporting passengers and materials to elevated levels on-site up to 84 metres and to 25 landings, the construction hoists drove efficiency throughout the construction of Tour Giroflées. Designed to drive productivity on construction sites, the dual car Alimak Scando 650 construction hoist system featured payload capacities of up 2,500 kilograms and 3,000 kilograms and travelling speeds of up to 65 metres per minute for continuously efficient operations.

The assembly of the hoist was carried out alongside the progress of the facade of the building with the construction hoists serving the 'coolant' floor through climbing formwork, providing masons with practical and reliable access to the final floor.

Alimak also installed single and twin masted MSHF mast climbing work platforms with extensions to fit the curved facades of the building to facilitate the installation of the safety rails on the balconies of the building.



Tour Giroflées, Monaco



HOIST DETAILS

Location:	Tour Giroflées, Monaco
Application:	High-rise construction
Hoist types:	Alimak Scando 650 XL FC & Alimak Scando 650 FC
Capacity:	2,500 kg & 3,000 kg
Hoist car sizes:	2 m x 4.6 m & 1.5 m x 4.6 m (W x L x H)
Speed:	38-65 m/min.
Lifting height:	84 m
No. of landings:	2 x 24

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